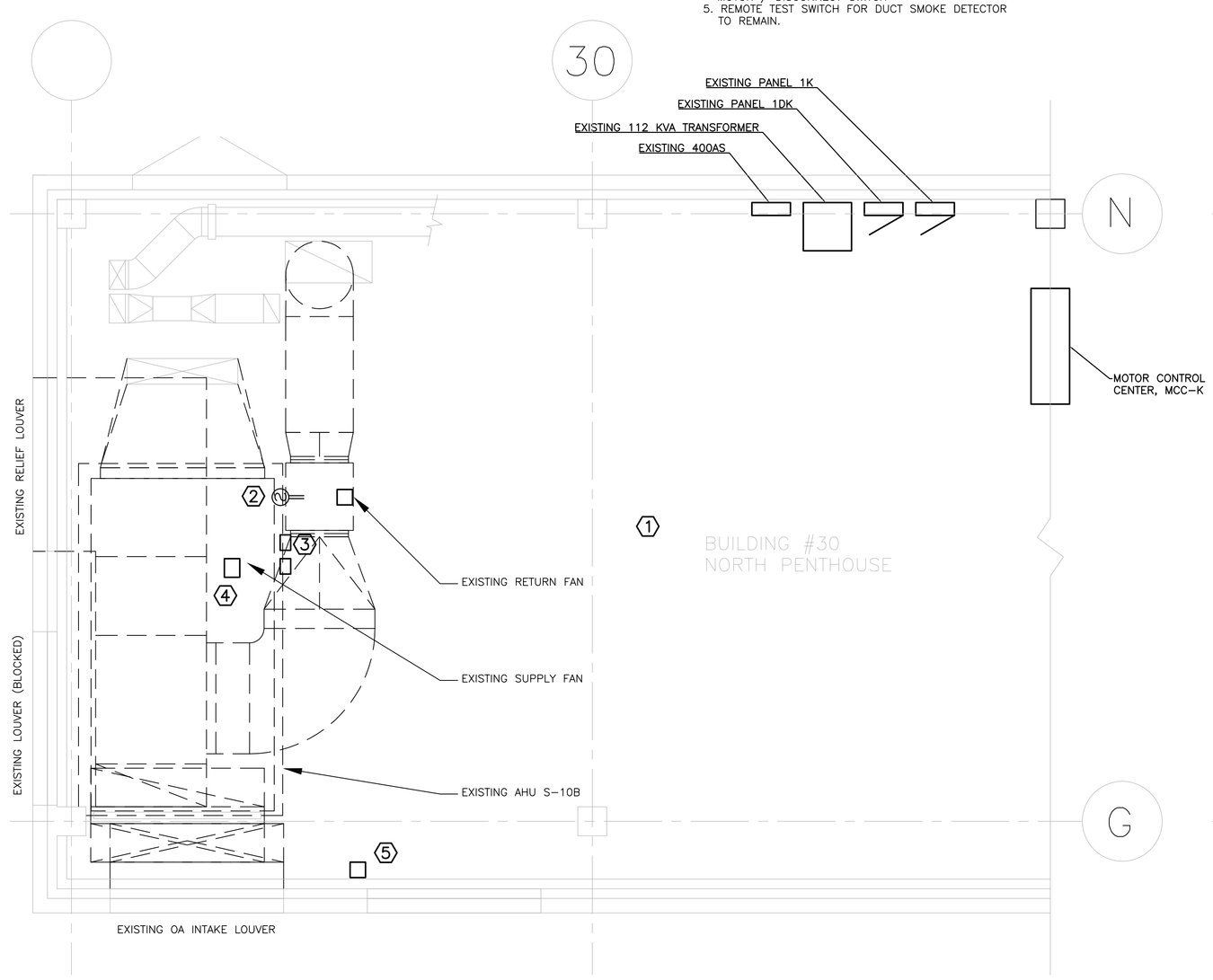
DEMO GENERAL NOTES:

1. ALL ELECTRICAL EQUIPMENT, EXCEPT EMERGENCY POWERED DEVICES ARE FED FROM EXISTING PANELBOARDS OR MOTOR CONTROL CENTER LOCATED IN THIS MECHANICAL ROOM.

DEMO KEY NOTES:

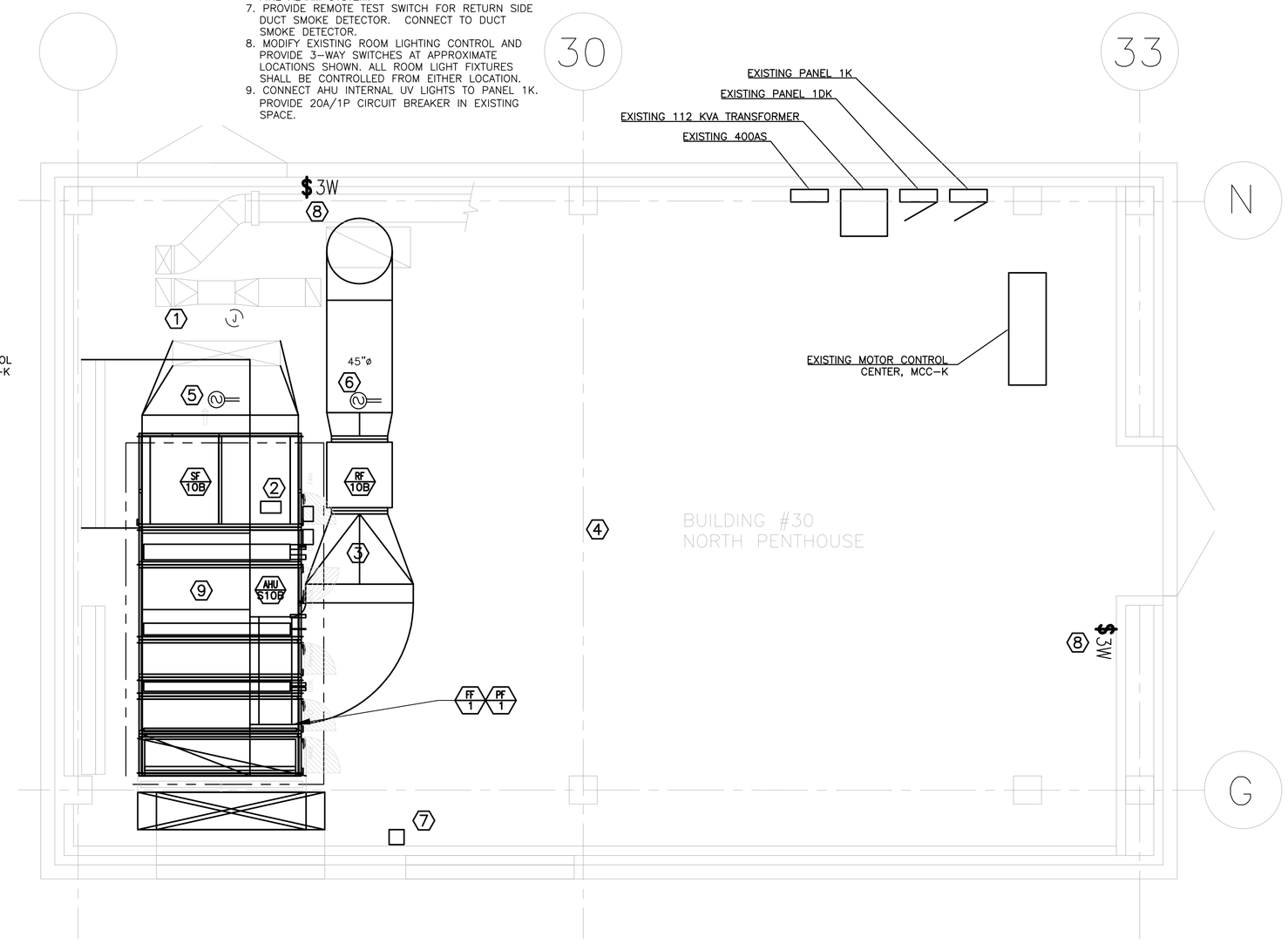
1. DISCONNECT AND REMOVE ELEVEN EXISTING LIGHT FIXTURES. CONDUIT AND WIRE TO REMAIN.
2. DISCONNECT DUCT SMOKE DETECTOR. REMOVE CONDUIT AND WIRE UP TO REMOTE TEST SWITCH
3. DISCONNECT POWER TO RETURN FAN VFD AND REMOVE CONDUIT AND WIRE FROM VFD TO FAN MOTOR / DISCONNECT SWITCH.
4. DISCONNECT POWER TO SUPPLY FAN VFD, AND REMOVE CONDUIT AND WIRE FROM VFD TO FAN MOTOR / DISCONNECT SWITCH
5. REMOTE TEST SWITCH FOR DUCT SMOKE DETECTOR TO REMAIN.



2 ELECTRICAL DEMO PLAN
1/4" = 1'-0"

KEY NOTES:

1. PROVIDE KNOCKOUT CLOSURE FOR OPENING IN EXISTING FIRE ALARM J-BOX LOCATED AT THE CEILING ABOVE AHU-S10B.
2. CONNECT RETURN FAN VFD AND MOTOR / DISCONNECT SWITCH TO EXISTING CIRCUIT. PROVIDE CONDUIT AND WIRE AS REQUIRED.
3. CONNECT SUPPLY FAN VFD AND MOTOR / DISCONNECT SWITCH TO EXISTING CIRCUIT. PROVIDE CONDUIT AND WIRE AS REQUIRED.
4. PROVIDE ELEVEN LIGHT FIXTURES (LUSIO LW-LUSIO-ES-BAY-2MS-NW-BAFY-120-DIMN OR EQUAL). INSTALL IN LOCATIONS OF PREVIOUSLY DEMOLISHED LIGHTS. CONNECT TO EXISTING CIRCUITS.
5. CONNECT DUCT SMOKE DETECTOR TO EXISTING FIRE ALARM SYSTEM. CONNECT SUPPLY DETECTOR TO EXISTING REMOTE TEST SWITCH
6. CONNECT RETURN SIDE DUCT SMOKE DETECTOR TO FIRE ALARM SYSTEM.
7. PROVIDE REMOTE TEST SWITCH FOR RETURN SIDE DUCT SMOKE DETECTOR. CONNECT TO DUCT SMOKE DETECTOR.
8. MODIFY EXISTING ROOM LIGHTING CONTROL AND PROVIDE 3-WAY SWITCHES AT APPROXIMATE LOCATIONS SHOWN. ALL ROOM LIGHT FIXTURES SHALL BE CONTROLLED FROM EITHER LOCATION.
9. CONNECT AHU INTERNAL UV LIGHTS TO PANEL 1K. PROVIDE 20A/1P CIRCUIT BREAKER IN EXISTING SPACE.



1 ELECTRICAL PLAN
1/4" = 1'-0"

FULLY SPRINKLERED

ISSUED FOR CONSTRUCTION DOCUMENTS (FINAL BID)	07/25/12
ISSUED FOR 100% DESIGN SUBMITTAL	06/13/12
Revisions:	Date

CONSULTANTS:

ARCHITECT/ENGINEERS:

EPSTEIN
600 West Fulton Street
Chicago, Illinois 60661

Drawing Title: MECHANICAL ROOM ELECTRICAL PLAN

Approved: Project Director

Project Title: REPLACEMENT OF AHU S-10B IN BUILDING 30

Location: 820 S. DAMEN AVE. CHICAGO, IL 60612

Date: 07/25/2012 | Checked: RP | Drawn: JF

Project Number: 537-07-138

Building Number: BUILDING 30

Drawing Number: 30-E-101

Dwg. 09 of 09

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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